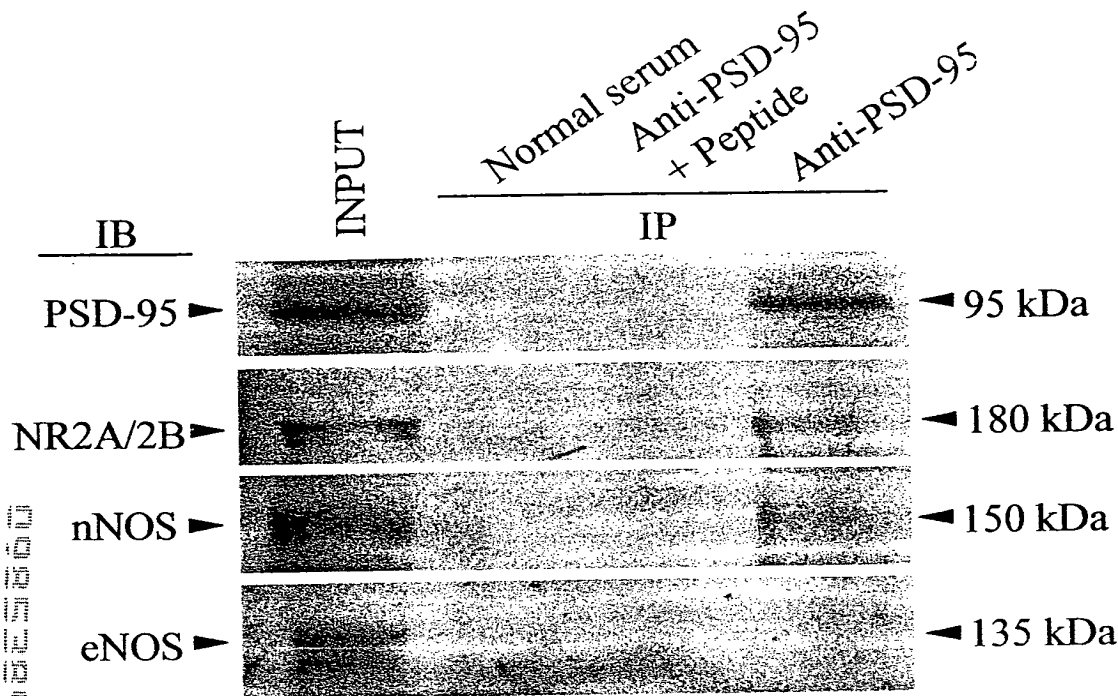


Fig. 1

Fig. 2



Fig. 2. Distribution of PSD-95/SAP90 immunoreactivity in lumbar enlargement segments of the spinal cord. The PSD-95/SAP90 immunoreactivity was localized mainly in lamina I and outer lamina II (A). Under high magnification, many PSD-95/SAP90 immunoreactive puncta were observed (B). Scale bars = 200  $\mu$ m (A), 40  $\mu$ m (B).



Identification of a ternary complex assembled by PSD-95/SAP90 with NR2A/2B and nNOS in the spinal cord neurons. PSD-95/SAP90 antibody coprecipitated not only PSD-95/SAP90 but also NR2A/2B and nNOS. In contrast, eNOS was not immunoprecipitated by PSD-95/SAP90 antibody. Ten micrograms of protein were loaded in INPUT lane and 100  $\mu$ g in other lanes.

Fig. 3

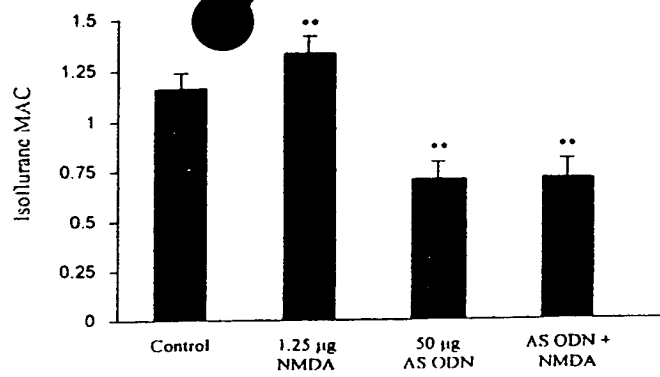


Fig. 4